

StemBoost™ Fate Maintenance Medium (FMM) Cocktail

CATALOG #: S232-1 1 ml
S232-5 5 ml
S232-set 5 x 1 ml

STORAGE: Store at -20°C. Protect from light.

DESCRIPTION: FMM cocktail is a cocktail of three small molecules in DMSO. This media additive along with basic fibroblast growth factor (bFGF) and leukemia inhibitory factor (LIF), supports the continuous footprint-free hiPSCs passaged as single cells in a feeder-free environment without the additional requirement of transgene expression. The three inhibitors are shown in the following table:

Product	Cat. No.	Concentration (100X)	Target Enzymes
Thiazovivin	1681	500 µM	Rho/ROCK
CHIR99021	1677	100 µM	GSK-3
PD-0325901	1643	40 µM	ERK/MEK

REFERENCES: Valamehr, B., *et al.* (2012). *Sci. Rep.* 2, 213

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

DiscoveryPak™ Stem Cell Fate Regulator Set I (Cat. No. K852-3)
DiscoveryPak™ Stem Cell Fate Regulator Set II (Cat. No. K853-8)
DiscoveryPak™ Stem Cell Fate Regulator Set III (Cat. No. K854-3)
DiscoveryPak™ Stem Cell Fate Regulator Set IV (Cat. No. K855-3)
DiscoveryPak™ Stem Cell Fate Regulator Set V (Cat. No. K865-5)
DiscoveryPak™ Stem Cell Fate Regulator Set VI (Cat. No. K866-5)
DiscoveryPak™ Stem Cell Fate Regulator Set VII (Cat. No. K867-10)
DiscoveryPak™ Stem Cell Fate Regulator Set VIII (VC6T) (Cat. No. K887-4)
(±) –Bay K 8644 (Cat. No. 1682-5)
BIX01294 (Cat. No. 1678-5, 25)
CHIR99021 (Cat. No. 1677-5, 25)
EZSolution™ CHIR99021 (Cat. No. 1748-5)
PD0325901 (Cat. No. 1643-2)
PS-48 (Cat. No. 1869-5)
Pyrintegrin (Cat. No. 1729-1,5)
EZSolution™ Pyrintegrin (Cat. No. 1737-1)
RepSox (Cat. No. 1894-5, 25)
Reversine (Cat. No. 1851-1, 5)
RG 108 (Cat. No. 1679-10,30)
SB-431542 (Cat. No. 1674-1)
EZSolution™ SB-431542 (Cat. No. 1872-1)
Sodium Butyrate (Cat. No. 1609-100, 1000)
Thiazovivin (Cat. No. 1681-1,5)
EZSolution™ Thiazovivin (Cat. No. 1736-1)
Tranylcypromine Hemisulfate (Parnate) (Cat. No. 1816-25,100)
Valproic Acid, Sodium Salt (Cat. No. 1647-200)
Y-27632,2 HCl (Cat. No. 1596-1, 5, 50)
EZSolution™ Y-27632, HCl (Cat. No. 1784-5)

FOR RESEARCH USE ONLY! Not to be used on humans.